

19970818.qrp v00_n822.qrs.970818

>From ???@??? Tue Aug 19 02:40:49 1997
Date: Mon, 18 Aug 1997 19:03:12 EDT
Subject: QRP-L digest 822
Message-Id: <97Aug18.190348edt.35210-44360+180@fidoii.cc.Lehigh.EDU>

QRP-L Digest 822

Topics covered in this issue include:

- 1) [25032] Nice QRP today
by Joel Malman <malman@bbn.com>
- 2) [25033] Need info on WM-1
by Peter Chow <pchow@cisco.com>
- 3) [25034] #42
by w7rfm@juno.com (John E Hirsch)
- 4) [25035] RE: Making PC Boards & a good URL
by "Adam B. Kanis" <adam-kanis@uiowa.edu>
- 5) [25036] ZM-1 Tuner Too Young (and Too Good) To Die
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by wb2vuo@juno.com (William K Hibbert)
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by PaulKB8N@aol.com
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by Bob Hightower <ki7mn@dancris.com>
- 9) [25040] 38S PROBLEM
by kb0pte@juno.com (Jerry W Alexander)
- 10) [25041] Thanks
by Greg Newberry <newberry@cyberhighway.net>
- 11) [25042] 38S disappointment revisited THANKS MARTY KM7W
by pmk@juno.com (Patrick M Kvitkauskas)
- 12) [25043] Connectors
by Ron Giuntini <rong@slip.net>
- 13) [25044] TUNED GROUND WIRE?
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by pmk@juno.com (Patrick M Kvitkauskas)
- 15) [25046] Re: W3DZZ antenna, brief history
by wb2vuo@juno.com (William K Hibbert by way of Scott Bauer
<ke3nv@erols.com>)
- 16) [25047] o-scope calibrator
by "Phil, K6LS" <k6ls@qsl.net>
- 17) [25048] Re: W3DZZ Antenna
by Tony Fishpool <G4WIF@compuserve.com>
- 18) [25049] Re:Small Wonder Labs 40 Meter Power Mods
by Jim_Cadorett@3com.com

- 19) [25050] RE: FS
by Bob Hightower <ki7mn@dancris.com>
- 20) [25051] Re: Cap Meter
by "KA5T Larry Wise" <lewise@inetport.com>
- 21) [25052] Re: "Real" 9-volt nicads
by Chris Cartwright <ccart@dns.vidtel.com>
- 22) [25053] Re: TUNED GROUND WIRE?
by Dave Sjolin <sjolin@swbell.net>
- 23) [25054] FS: Lots o' stuff
by Mike Robinson <miker@comlinear.nsc.com>
- 24) [25055] WTB: QRP++ upgrade boards.
by Anders Wandahl <aw@lib.kth.se>
- 25) [25056] Re: Making PC Boards & a good URL
by "Adam B. Kanis" <adam-kanis@uiowa.edu>
- 26) [25057] FS: Lots o' stuff (re-try)
by Mike Robinson <miker@comlinear.nsc.com>
- 27) [25058] Re: Voltage Booster from QST
by "Kevin F. Glynn" <KFGlynn@prodigy.net>
- 28) [25059] T Kits Resp.
by n1tgz@juno.com (Gregory P Fox)
- 29) [25060] Another QRPer in print
by Gary M Diana <gmdiana@kodak.com>
- 30) [25061] Re: W1AW Receiver
by fmathews@norfolk.infi.net (Frank Matthews)
- 31) [25062] Study Guides for Younger Hams??
by bill@taprov.com (Bill Cleveland)
- 32) [25063] Attn: VE3VFN
by Bill Todd <bill@techline.com>
- 33) [25064] CQC Summer QSO Party NEXT SUNDAY
by "Marshall Emm" <mgemm@mtechnologies.com>
- 34) [25065] Attn: K4ADI
by Bill Todd <bill@techline.com>
- 35) [25066] Attn: W7KXB
by Bill Todd <bill@techline.com>
- 36) [25067] Attn: K7VZ
by Bill Todd <bill@techline.com>
- 37) [25068] Re: K5FO visit and Pizza feed
by Bob Okas <vintage@best.com>
- 38) [25069] Re: K5FO visit and Pizza feed
by "Michael A. Gipe" <mgipe@reliablemeters.com>
- 39) [25070] CAP Meter
by "Jack Wilson (632)" <JackW@travsoft.com>
- 40) [25071] Mods for TT Argonaut II
by "Wolfgang Peringer" <W.Peringer@bingo.baynet.de>
- 41) [25072] URL tip...
by "Phil, K6LS" <k6ls@qsl.net>
- 42) [25073] K5FO Pizza Feed
by Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>

- 43) [25074] Re: URL tip...
by John Evans - N0HJ <jaevans@codenet.net>
- 44) [25075] KI7VY Paddlette?
by "Moore, Randy (William R)" <WRMoore@ingr.com>
- 45) [25076] Sold!
by PaulKB8N@aol.com
- 46) [25077] Earlier Silver Plating Question
by "Watson R Gabriel Jr" <wgabriel@duke-energy.com>
- 47) [25078] Re: BUBBA
by kc4mhm@juno.com (ed miller)
- 48) [25079] Nostalga
by Steven Weber <kd1jv@moose.ncia.net>
- 49) [25080] Re: Study Guides for Younger Hams??
by Steven Weber <kd1jv@moose.ncia.net>
- 50) [25081] Silicon Caulk
by Kory Hamzeh <kory@avatar.com>
- 51) [25082] Re: Study Guides for Younger Hams??
by Chris Cartwright <ccart@dns.vidtel.com>
- 52) [25083] Expect Results for the Bumblebees this Wednesday
by Russ Carpenter <russ@natworld.com>
- 53) [25084] Re: Silicon Caulk
by Jim W7LS <w7ls@brigadoon.com>
- 54) [25085] Keyers
by "Robert L. Willsey" <w4nul@brightok.net>
- 55) [25086] Re: KI7VY Paddlette?
by Jim W7LS <w7ls@brigadoon.com>
- 56) [25087] Re: Silicon Caulk
by "David D. Meacham" <ddm@datatamers.com>
- 57) [25088] Re: Study Guides for Younger Hams??
by "Ed Hare, W1RFI" <ehare@arrl.org>
- 58) [25089] NA QSO party - log info ?
by krishna kumar <kkumar@mail.imake.com>
- 59) [25090] Using Charge Controllers Question
by NilsBull@aol.com
- 60) [25091] Rainbow Tuner - Battery Holder
by "KA5T Larry Wise" <lewise@inetport.com>
- 61) [25092] Re: Study Guides for Younger Hams??
by Ed Pacyna <pacyna@auratek.com>
- 62) [25093] Re: Study Guides for Younger Hams??
by Steven Weber <kd1jv@moose.ncia.net>
- 63) [25094] Re: Earlier Silver Plating Question
by "Bob Kellogg" <ae4ic@nr.infi.net>

Date: Sun, 17 Aug 97 19:18:21 EDT
From: Joel Malman <malman@bbn.com>
To: qrp-1@Lehigh.EDU

Subject: [25032] Nice QRP today
Message-ID: <199708172318.TAA55568@nss2.CC.Lehigh.EDU>

Group,

Today, I was fixing-up an OHR Explorer II (30 meters), it needed some RX tweeking (TM). After everything looked OK, I let out with a CQ.

Well, first call netted me ON/OK1FK/P .. (a lot of letters, but solid copy).. My TX was just under 2 watts on the WM-2. QRP... Just good fun.

/joel wa1qvm (malman@bbn.com ... Concord, Ma.)

Date: Sun, 17 Aug 1997 16:22:59 -0700
From: Peter Chow <pchow@cisco.com>
To: qrp-1@Lehigh.EDU
Subject: [25033] Need info on WM-1
Message-ID: <199708172322.QAA14619@batboy.cisco.com>

Acquired a OHR WM-1 from a friend of mine, but he lost the manual. Anyone has a copy of the manual available? PCB said it's REV E.

Thanks,
Peter/N6YD

Date: Sun, 17 Aug 1997 16:39:30 -0700
From: w7rfm@juno.com (John E Hirsch)
To: "Low Power Amature Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [25034] #42
Message-ID: <19970817.163936.2806.0.w7rfm@juno.com>

Well I am back in fine shape this time. I went to a place called Lodge pole just off hwy 410 in Washington and set up.

Because of the location I wasn't sure I would even be able to pick any one up. Lots to trees all around the camp site but one clear shot to the east, sort of. I set up my Ham Stick , did a SWR check, and listened.

At least I could hear some one. K6BSD! He was talking to some one else.

He was weak readable so I tried calling CQ W7RFM/BB several times. No answer. I worked until about 0530z with out a contact.

I tried again last night and was able to make one contact. That contact was KK7BS.

So I guess it was not a lost week end but I do think that my little 49'er needs to be out of the trees to work better.

When next I venture to the out doors I hope to take my 38 special with a full 5 watts of out put. But until then you can find me on 40 meters probably in the novice portion of the band.

Bumblebee #42

Date: Sun, 17 Aug 1997 19:45:40 -0500
From: "Adam B. Kanis" <adam-kanis@uiowa.edu>
To: newberry@cyberhighway.net
Cc: qrp-l@Lehigh.EDU
Subject: [25035] RE: Making PC Boards & a good URL
Message-ID: <3.0.3.32.19970817194540.006afd84@molsun.ophth.uiowa.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Greg,

I saw that you already got a nice reply from Steven KD1JV, but I thought I'd send you and the group a reference to the interesting web site run by the Southeast Iowa Technical Society. There is an "article" on Laser Printing PC Boards under Technical. This group is mostly occupied with VHF and UHF linked repeater operations, but may interest many of the folks on the QRP-L list.

73,

--adam, n2brt
adam-kanis@uiowa.edu

Date: Sun, 17 Aug 1997 21:13:56 -0400 (EDT)
From: DYARNES@aol.com
To: qrp-l@Lehigh.EDU
Subject: [25036] ZM-1 Tuner Too Young (and Too Good) To Die
Message-ID: <970817211345_47755710@emout01.mail.aol.com>

I just finished building my ZM-1 tuner and it seems to work extremely well!
My hat is off to Mr. Gregson for a very neat kit.

Unfortunately, just after I ordered my kit I saw Roy's post about not being able to continue the kit. From what I've seen so far, this is a real shame. It deserves a much longer life!

This tuner does it's job VERY FAST. It is small, and therefore quite portable. In fact, this is by far the best all-around tuner I have seen so far for portability. The clincher for me is that it tunes balanced line (as well as coax). I have LOTS of tuners around the shack, but this one will be very useful.

Usually I'm a day late and a dollar short when these goodies like this get closed out. Somehow, I lucked out this time. Why didn't I buy a lottery ticket the same day I sent Roy my check? Damn!

72 de David W7AQK

Date: Sun, 17 Aug 1997 21:48:28 EDT
From: wb2vuo@juno.com (William K Hibbert)
To: qrp-1@Lehigh.EDU
Subject: [25037] A Short Histor of Ham Radio (From N3RU, via the DX Cluster)
Message-ID: <19970817.214759.2063.0.wb2vuo@juno.com>

Not much to do with QRP, but I got a chuckle out of it. Hope you do, too...

72/73, Keith, WB2VUO

=====
Msg #378 From: N3RU Date: 14-Aug 1748Z Subj: THE REAL HISTORY OF HAM RADIO
4 Billion BC - Earth is a swirling ball of flaming gases. Propagation is extremely poor.
1 Billion BC - First dry land appears. It is divided up into squares. County Hunters Club formed.

500 Million BC - Second patch of dry land appears. First DXpedition. Credit disallowed because of questionable licensing agreement.

400 Million BC - Flowering plants and grasses evolve. Telrex invents first

beam antenna but sales area slow because of lack of suitable structures.

300 Million BC - First tree appears. It is immediately cut down, stripped of branches, placed in a concrete base and named a telephone pole. Telrex sells first beam.

200 Million BC - Second beam sold by Telrex. Installer falls from top of pole. First safety belt sold.

100 Million BC - First mountain appears. Repeater invented

50 Million BC - It is decided by WARC that "seek you" is too cumbersome to send on CW, so abbreviation "CQ" is adopted.

4 Million BC - Humans replace swine as dominant species. The name "Ham Operator" hangs on, however.

3 Million BC - Dugout canoe invented. Maritime Mobile Net formed on 14.313 MHz.

2 Million BC to 800 AD - Nothing much happens for a long time.

900 AD - Chinese invent gunpowder. BY1AA is first "Big Gun" DXer.

1790 AD - Ben Franklin invents long wire receiving antenna. Ground switch invented.

1961 AD - Second repeater erected. First repeater group refuses to change frequency. First frequency coordinator appointed.

1990 AD - Amateur radio humor sinks to a new low.

73, Bob N3RU (ex N3UHZ)

Date: Sun, 17 Aug 1997 22:03:07 -0400 (EDT)
From: PaulKB8N@aol.com
To: qrp-1@Lehigh.EDU
Subject: [25038] FS: QRP Quarterly, Misc.
Message-ID: <970817220247_497968341@emout11.mail.aol.com>

Gang,

Space requirements force me to part with a collection of QRP Quarterly magazines dating back to 1980, with complete years beginning in 1984 up through 1/96. There are a few issues missing in this bunch, and I have

punched holes in them with a three-hole punch to be able to but them in binders. Binders are not included. These are in good condition and make for some very interesting reading. \$25 plus shipping book rate.

I have four porcelin FT-243 crystal holders, used but near-perfect, hard to find, \$1.50 ea, all for \$5.00.

If you're building a tube rig, or a QRPP transistor rig, have two 1 1/4" meters for sale. These mount in a 1" round hole and are held in place with a large nut. Both for \$3.00.

Please add shipping.

Thanks, Paul, KB8N

Date: Sun, 17 Aug 1997 19:13:07 -0700 (MST)
From: Bob Hightower <ki7mn@dancris.com>
To: qrp-l@Lehigh.EDU, azqrp@user1.dancris.com
Subject: [25039] FS
Message-ID: <199708180213.TAA03836@dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Items have been sold as shown. Thanks to all who responded. Still have one NC40A and the Rainbow tuner kit.

>I've got some stuff to sell to make room for another project:

>

>1. NorCal 40 partial kit (board, case, varactor)...\$25.00 + postage...SOLD

>

>2. Wilderness KC-1 Keyer Kit...\$45.00 + postage...SOLD

>

>3. NorCal 40A assembled, works fine, no markings on front panel. \$100.00 + postage.

>

>4. NorCal 40A assembled with KC-1. Has 10 turn pot. Works fine, has Wilderness front panel. \$150.00 + postage...SOLD

>

>5. Rainbow tuner kit...\$25.00 + postage

>

>Since this is a weekend, these will go to the first respondents. Please e-mail direct.

>

>Items will be sent Priority mail, so postage should be between \$4.00-\$6.00. If local to the Phoenix area, can make arrangements to deliver or pick-up.

>

73,

Bob, KI7MN Chandler, AZ ScQRPion QRP-L #271, NorCal #1228, CQC #274, QRP
ARCI #8918, AK QRP #30, not in any order of importance.

<http://www.dancris.com/~ki7mn>

WIMPS: QS0's=18 30=18 17=0 12=0 States=15/0/0 DX=0/0/0 QSL's=5

Date: Sun, 17 Aug 1997 22:07:57 -0500
From: kb0pte@juno.com (Jerry W Alexander)
To: QRP-L@Lehigh.EDU
Subject: [25040] 38S PROBLEM
Message-ID: <19970817.220758.3694.1.KB0PTE@juno.com>

My 38s has a problem. I blow out the IRF510 and the resistor with the
ferite bead. i replaced it but it still does not work and I have went
through the voltage checks and it seems to alright. Does anyone have any
idea what I can check or replace to fix it. I think that the H74HC240BI
chip could be bad. I still have a good side tone and good rx. If anyone
can help Thanks in advance to all that reply. Have a great day or night.

73 KB0PTE
Wayne
QRP-L # 1058

Date: Sun, 17 Aug 1997 22:24:02 -0600
From: Greg Newberry <newberry@cyberhighway.net>
To: QRP-L Group <qrp-l@Lehigh.EDU>
Subject: [25041] Thanks
Message-ID: <33F7CE62.31E5@cyberhighway.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks to all who responded to my email for making PC boards. I've got
enough information to publish a book!

Nice of you to take the time to help.
Greg

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-----  
|  Greg Newberry      newberry@cyberhighway.net  |  
|  WB7DUO QRP-L #760                               |  
|  NorCal #1899                                   |  
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Date: Mon, 18 Aug 1997 04:47:34 +0100
From: pmk@juno.com (Patrick M Kvitkauskas)
To: qrp-l@Lehigh.EDU
Subject: [25042] 38S disappointment revisited THANKS MARTY KM7W
Message-ID: <19970818.044741.1726.0.pmk@juno.com>

I received one of the early 38 Specials as all the mod's and fixes were being posted daily and was getting confused on which ones to use. I ended up with one that had the 5 watt mod, filter mod and can't recall what else. With a all in one article, a fresh untouched and a soldering iron away I went.

Well after a lot of inspecting and double checking I put the fire to it then it put the fire on the bench and stunk up the shack. With disappointment I shelved the board and must have thrown out the article (I believe that was in late Feb or march). The kit had been out about a month when I got around to building it.

Well luckily I had ordered 2 of them and put the other together Friday evening. Went sailing Saturday then hooked all outboard components saturday eve. Well I ended up using the CONSOLIDATED CONSTRUCTION MANUAL by MARTY KM7W and the second one works really FB. I did not do any mods as of yet but did rebuild the first one and it now works great.

Now I am really excited about doing a few mods (RIT , 5 Watt , Variable RF output and TICK).

I got about 14 volts P-P out of it and hope that is about rite.

Any suggestions on the latest mods would be appreciated.

Thanks to all at NorCal who put this all together and Marty for a FB Manual

72/73 de Patrick KD4OBQ
QRP-L #1009

AR

Date: Sun, 17 Aug 1997 22:12:56 -0700
From: Ron Giuntini <rong@slip.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [25043] Connectors
Message-ID: <E0x0K7b-00076k-00@mole>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

On a Molex connector used for DC, should the male pins go into the male part of the connector? And should the hot wire go into the pointed side of the connector? Just wondering...

Ron

Date: Mon, 18 Aug 1997 01:13:38 -0400 (EDT)
From: ARDUJENSKI@aol.com
To: qrp-l@Lehigh.EDU
Subject: [25044] TUNED GROUND WIRE?
Message-ID: <970818011338_-669666232@emout14.mail.aol.com>

A question for all the experts out there. I was reading in Orr's book ALL ABOUT VERTICAL ANTENNAS and it discussed that for ground wires to be effective they need to be less than 0.05 wave length which will make it between 7-14 feet max for 40 and 80 mtrs respectively.

It goes to show for ground wire lengths longer than 2-3 feet a simple tuned circuit consisting of a coil and capacitor in series with bulb and you tune for resonance and then short the bulb out,

QUESTION: Has anyone tuned their ground and if so did it make a difference in performance?

Thanks.....Alan KB7MBI

Date: Mon, 18 Aug 1997 05:16:01 +0100
From: pmk@juno.com (Patrick M Kvitkauskas)
To: qrp-1@Lehigh.EDU
Subject: [25045] Find a new home for that old equipment ???
Message-ID: <19970818.051744.1726.2.pmk@juno.com>

How many of you on the list have stuff lying around that will never be used by yourselves but can't bear to put it in the trash or bring it to a club meeting that one guy that takes everything that is free ends up at his house ??? You know he will never use it but will sure peddle it in a second or put it in his junk pile never to be seen or used ever again.

I feel better giving something to a person that can really use it than giving it away for pennies on the dollar at a hamfest.

So next time you see a want add think about where it is going and usually it will end up in a good home.

I have gave away about half of the shack to local folks (mostly new hams that are in Jr High school as it is real popular here in Orlando).

I just gave a few items away here on the list and I am sure they will get some good use left in them and hopefully get handed down as well.

I don't know how I end up with so much stuff but I like to tinker like most here.

So next time you go to the trash with something that might be useful maybe put it on the list and find it a new home.

72/73 de Patrick KD4OBQ

AR

Date: Mon, 18 Aug 1997 01:37:26 -0400 (EDT)
From: wb2vuo@juno.com (William K Hibbert by way of Scott Bauer <ke3nv@erols.com>)
To: qrp-l@Lehigh.EDU
Subject: [25046] Re: W3DZZ antenna, brief history
Message-ID: <199708180537.BAA14537@smtp2.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello Group,

Thanks for the many replies about the W3DZZ antenna question I had posted.
This one was the last reply, so I though I would send the result just incase anyone was interested.

Scott

..

W3DZZ designed (and published) the first 5-band trap dipole. The Handbook design, with a 40 Meter trap, and a lenght inside the traps of 66 feet is the W3DZZ design. The Unidilla/Reyco trap dipoles are a commercial design based on the W3DZZ Trap Dipole...

Our brethern and sistern in the Amateur community are far more generous in crediting the originator of a great idea that the majority here in the States. The G5RV is probably an exception to this rule, but it's getting harder to find a New-bee that really knows why a "G5RV" is called a G5RV...

72/73, Keith, WB2VUO, QRP-L #582, scQRP 40, 100% QRP
Tech Specialist (ARRL/WNY), ARRL Life Member,
Trustee, NQ2RP/B 10 Mtr QRP Beacon (QRP @ 28.287 MHz)
"In the Depths of the Great Bergen (NY) Swamp...FN13ac"
Packet - wb2vuo@w2im.#wny.ny.usa.noam *** Email - wb2vuo@juno.com
SnailMail - CBA *** Phone - 716.494.1239

"My Night Light runs more power than my Rig!!!"

Date: Mon, 18 Aug 1997 00:14:32 -0600
From: "Phil, K6LS" <k6ls@qsl.net>
To: qrp-l@Lehigh.EDU
Cc: vhf@w6yx.stanford.edu

Subject: [25047] o-scope calibrator
Message-ID: <33F7DA38.4378@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Does anyone have a source for a manual for a B&K Precision
model 1400 Oscilloscope Calibrator ??? (just in case my
inquiry to B&K isn't productive)

thanks,

--

73 de Phil, K6LS/0
QRP-L #612 NorCal #824
k6ls@qsl.net <or> k6ls@amsat.org
DM79or, Arapahoe County, Colorado
ITU zone 7, CQ zone 4
<http://www.qsl.net/k6ls>

Date: Mon, 18 Aug 1997 03:04:11 -0400
From: Tony Fishpool <G4WIF@compuserve.com>
To: QRP List <qrp-l@Lehigh.EDU>
Subject: [25048] Re: W3DZZ Antenna
Message-ID: <199708180304_MC2-1D6E-C77A@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

Boy, do I remember these. I must have made hundreds over
20 years ago. I started my working life at K.W. Electronics. Anyone
remember them? Of course, the antenna was called the G8KW
trap dipole when we sold it. As the new boy, I got the job of making
those things. We had a large drum on the end of the bench with
two sets of screws marking where the inner length of hard drawn
copper was to be measured and another for the outer. Something
like 30 feet and 21 feet (we used to have real measurement then!).
The traps we made to dip (on a heathkit valve dipper [I still have one])
just off 40 metres. Then we had a huge vat of boiling gunk that
weatherproofed them. You kept dipping them until the gunk shifted
the resonant frequency enough. So some traps got very fat if you didn't get
the resonance right initially.
The antenna really sold well and it's amazing to me now, how much folk
paid for someone else to measure a bit of wire for them. Of course, I

didn't
know at the time that the G8KW trap dipole was (by strange co-incidence?)=
the same as a W3DZZ.

72
Tony - G4WIF/KI8CR

Date: Mon, 18 Aug 1997 07:18:23 -0400
From: Jim_Cadorett@3com.com
To: QRP-L@Lehigh.EDU
Subject: [25049] Re:Small Wonder Labs 40 Meter Power Mods
Message-ID: <852564F7.003DE2B6.00@hqoutbound.ops.3com.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii

Are there any power mods to the output circuitry for the Dave Benson 40
meter cw transceiver to increase its output power?

Date: Mon, 18 Aug 1997 05:14:53 -0700 (MST)
From: Bob Hightower <ki7mn@dancris.com>
To: qrp-l@Lehigh.EDU, azqrp@user1.dancris.com
Subject: [25050] RE: FS
Message-ID: <199708181214.FAA08339@dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

All the items have been spoken for. If any of them falls through, I'll
re-post. Thanks to all who replied.

73,
Bob, KI7MN Chandler, AZ ScQRPion QRP-L #271, NorCal #1228, CQC #274, QRP
ARCI #8918, AK QRP #30, not in any order of importance.

<http://www.dancris.com/~ki7mn>

WIMPS: QSO's=18 30=18 17=0 12=0 States=15/0/0 DX=0/0/0 QSL's=5

Date: Mon, 18 Aug 97 12:16:38
From: "KA5T Larry Wise" <lewise@inetport.com>
To: "qrp" <qrp-1@Lehigh.EDU>, "ruswhite@netzone.com" <ruswhite@netzone.com>
Subject: [25051] Re: Cap Meter
Message-ID: <199708181211.HAA23918@admin.inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

These circuits are written up in the 1997 ARRL Handbook.
Basically they allow you to measure L or C and get a direct
readout in uH or pf on your digital voltmeter....

Just discovered them myself in the Handbook that I got
at Ft Tuthill.....

Larry KA5T lewise@inetport.com Georgetown, Texas

Date: Mon, 18 Aug 1997 09:23:09 -0400 (EDT)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-1@Lehigh.EDU>
Subject: [25052] Re: "Real" 9-volt nicads
Message-ID: <Pine.LNX.3.93.970818092209.671A-1000000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 17 Aug 1997, charles k brown wrote:

> NiCd cells are 1.2 volts. 6 cell and 7 cell would be 7.2v and 8.4v.
> Radio Shack has one cell less than other brands I have looked at.

Ken/Gang,

In reference to the Panasonic AA and 9V nicads:

The AA's really say 1.25v on the outside and sit at about 1.22-1.24v after charging (yes these are "mid-life" cells). I suspect the 9V is an 8 cell unit, due to the lower than "normal" current rating, and the fact that they sit at about 9.20-9.05v for the first two weeks on the shelf after charging. They seem to go "flat" at about 8.1-8.2v, although I have run them down as low as about 6V on a few occasions. I know it sounds odd, but that's why I bought a few for testing, and when I found out the above bought a bunch :) 72

```
-- Chris Cartwright,   Technical Engineer   |       ccart@vidtel.com       --
-- N3XRV               QRP WAS 17/9 (w/c)   |       ccart@erols.com       --
-- QRP-L #655 NORCAL   #1891 QRP-ARCI #???? | http://dns.vidtel.com/~ccart --
-- WIMPS Q's=04 30M=04 17M=00 12M=00 STATES=03/00/00 DX=00/00/00 QSL's=00 --
```

Date: Mon, 18 Aug 1997 08:25:47 -0500
From: Dave Sjolín <sjolin@swbell.net>
To: ARDUJENSKI@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [25053] Re: TUNED GROUND WIRE?
Message-ID: <33F84D5B.13E3@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

ARDUJENSKI@aol.com wrote:

>
> A question for all the experts out there. I was reading in Orr's book ALL
> ABOUT VERTICAL ANTENNAS and it discussed that for ground wires to be
> effective they need to be less than 0.05 wave length which will make it
> between 7-14 feet max for 40 and 80 mtrs respectively.
>
> It goes to show for ground wire lengths longer than 2-3 feet a simple tuned
> circuit consisting of a coil and capacitor in series with bulb and you tune
> for resonance and then short the bulb out,
>
> QUESTION: Has anyone tuned their ground and if so did it make a difference in
> performance?
>

Alan, your question initially through me. Because the topic was
verticals I immediately began thinking of radials and obviously radials

need to be larger than seven to fourteen feet for a 40/80 meter vertical.

MFJ has a ground tuner. I used one when they came out. I dont know if they improved signal strength but they did eliminate some rf in the shack problems I was experiencing on certain bands.

73 de Dave, N0IT

Date: Mon, 18 Aug 1997 6:31:48 MST
From: Mike Robinson <miker@comlinear.nsc.com>
To: qrp-1@Lehigh.EDU
Subject: [25054] FS: Lots o' stuff
Message-ID: <199708181331.GAA16251@gecko.nsc.com>

Date: Mon, 18 Aug 1997 09:33:53 -0400
From: Anders Wandahl <aw@lib.kth.se>
To: qrp-1@Lehigh.EDU
Subject: [25055] WTB: QRP++ upgrade boards.
Message-ID: <3.0.16.19970818152802.37d7481a@kthbib.lib.kth.se>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi all...

I would like to buy the QRP++ upgrade boards.
Any seller??

72

Anders SMOHPL

Anders Wandahl
Mathematics Library Tel 46-8-7906155
Royal Inst of Technology Fax 46-8-7907125

S-100 44 Stockholm
Sweden

SM0HPL, GQRP 7970, qrp-1 #30

Date: Tue, 12 Aug 1997 08:53:37 -0500
From: "Adam B. Kanis" <adam-kanis@uiowa.edu>
To: Greg Newberry <newberry@cyberhighway.net>
Cc: qrp-1@Lehigh.EDU
Subject: [25056] Re: Making PC Boards & a good URL
Message-ID: <33F06AE1.589E@uiowa.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

sorry,

left out the URL! wasn't meant to be a test of searching the web.

here it is: www.seits.org

--adam, n2brt
adam-kanis@uiowa.edu

Date: Mon, 18 Aug 1997 7:03:08 MST
From: Mike Robinson <miker@comlinear.nsc.com>
To: qrp-1@Lehigh.EDU
Subject: [25057] FS: Lots o' stuff (re-try)
Message-ID: <199708181403.HAA16278@gecko.nsc.com>

Hello QRP'ers,

My boss has been a ham since he was 11. He is currently inactive (mostly). But over the years collected and built some nice and interesting equipment. Unfortunately, it was in his basement during the Great Flood of 97 in Fort Collins, Colorado. He has no interest in checking it all out and re-storing it so he gave it me and said, "Do something good with it."

I want to get what I can for this stuff and buy a CW kit and

an HT and donate them to our radio club as loaner equipment for new hams.

I've looked at some of it and checked out a few of them. His basement took no mud only water.

For sale:

Homebrew DVM with digital readout. Built from a QST article. \$25

Homebrew power supply. More for bench top work than for powering any big rigs. \$15

3 high current transformers 120VAC to 6.3VAC @ 10A These will cost plenty to ship. \$15 ea. ???

4 huge capacitors. I suspect he had a big power supply in mind between the transformers and caps. \$5 ea. ???

Heathkit HW-8. Scratches on the top. Otherwise in good looking shape. I need to check this one out. If works OK it will definitely bring in more.

President HR2600 10M all mode (CW USB LSB AM FM). Covers full band. Receives incredibly well. I was tuning around with it connected to my High Performance HF Rain Gutter. Suddenly I hear, "CQ CQ de" It took me a moment to realize that I was hearing RS-12. Modulates on transmit but the microphone is bad. I put a CW tone on the mic pin and heard it on my regular rig. \$100.

Vintage (tubes) Techtronics Oscilloscope. I'm afraid to power this up. I'll leave that to you. \$40

Except for the HW-8 and the HR2600 most offers will be accepted. You can't insult me so take your best shot. The equipment is 'as is' so we need to work together.

For more details on any of these items e-mail me direct at Michael.Robinson@nsc.com DON'T hit the reply button, that address is no good.

=====
73 Michael N7MR <http://www.frii.com/~michael>
Michael.Robinson@nsc.com michael@frii.com
QRP-L #126 Norcal #857 CQC #180
=====

Date: Mon, 18 Aug 1997 10:18:03 -0400
From: "Kevin F. Glynn" <KFGlynn@prodigy.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [25058] Re: Voltage Booster from QST
Message-ID: <199708181415.KAA12660@mail1y-int.prodigy.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi gang,

FYI I e-mailed Sam on his latest project, and I got a reply from a family member telling me he's off sailing and will reply upon his return, probably within the coming month.

72 Kevin N2T0

Date: Mon, 18 Aug 1997 10:48:58 EDT
From: n1tgz@juno.com (Gregory P Fox)
To: qrp-1@Lehigh.EDU
Subject: [25059] T Kits Resp.
Message-ID: <19970818.104857.5431.1.n1tgz@juno.com>

Hi Gang, Would like to thank all who have responded on my querrie on th TEN TEC T kits..All have been pretty favorable. Never thought much of DC recvrs, especially on 40 due to broadcast, but thought 30 may be gud band fer this rig.. Was also wondeering abt the VHF kits fer 2m and 6m, and or the xansverters fer them..

Tnx agn, and will let everyone know how I make out if I build any of them, either the DC recvr, QRP xranscvrs or the vhf stuff.

73 and 72 Greg N1TGZ #8444

Date: Mon, 18 Aug 1997 11:01:19 -0400 (EDT)
From: Gary M Diana <gmdiana@kodak.com>
To: qrp-1@Lehigh.EDU
Subject: [25060] Another QRPer in print
Message-ID: <199708181501.LAA18244@kodaki.kodak.com>

Hello All -

Check out the August 1997 issue of EE Product News:
On page 5 is a note by the editor titled "Could Amateur
Radio Save America?", by Dave Maliniak N2SMH.

Does the name/call sound familiar? It did to me... yep
sure enough, he's a member of the New Jersey QRP Club.

73, Gary N2JGU
n2jgu@juno.com

Date: Mon, 18 Aug 1997 11:24:05 -0400 (EDT)
From: fmathews@norfolk.infi.net (Frank Matthews)
To: we6w@qsl.net
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [25061] Re: W1AW Receiver
Message-ID: <v01530500b01de18c1cf1@[208.131.169.158]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Ed,

I too built the W1AW receiver and wasn't all that impressed. I
could hear them...but really had to strain. My neighbor across the street
is a ham/engineer and suggested a pre-amp circuit. He designed one...we
breadboarded it....and it worked much better.

Frank

Frank Matthews
Technology Education Department
Oscar F. Smith High School
Chesapeake, VA 23320
fmathews@norfolk.infi.net
KC4FKX QRP-L #1079 CQC #434 NorCal #2232 AK/QRP #199
Grid Square FM16

Date: Mon, 18 Aug 1997 11:15:40 -0500
From: bill@taprov.com (Bill Cleveland)
To: "Low Power Amateur Radio Discussion (E-mail)" <qrp-1@Lehigh.EDU>
Subject: [25062] Study Guides for Younger Hams??
Message-ID: <01BCABC8.11286480.bill@taprov.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I know this is off topic, but...

My 5 year old daughter is interested in becoming a ham. This past weekend, we traveled to her great grandpa in two vehicles. During the last part of the trip she wanted to ride with me in the truck, and talk to mom on the radio. She identified properly, and even said "KR4TZ clear" before putting the mic on the dash. Boy you never realize how much your kids watch you, until they start imitating you!

Well, I know she can operate 3rd party until she is older (both Laura and I are hams), especially when we will be right next to her 99% of the time. But I was just curious if anybody seen any study guides designed for children?

73 de
Bill Cleveland, KR4TZ GRID: EM50vp QRP-L# 1184 ARS# 289
Mobile, AL ARRL MEMBER / AL Section ASM
email: bill@taprov.com

Date: Mon, 18 Aug 1997 09:16:43 -0700
From: Bill Todd <bill@techline.com>
To: qrp-1@Lehigh.EDU
Subject: [25063] Attn: VE3VFN
Message-ID: <1.5.4.32.19970818161643.006dd0ac@mail.techline.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello Vince -

I sent out the E-mail newsletter, and your address bounced back.

Please send me your new E-mail address so I can get the August "NWQ" Newsletter.
OK?

Thanks - Bill-N7MFB

Date: Mon, 18 Aug 1997 10:22:17 +0000
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-1@Lehigh.EDU
Cc: cqc@aol.com, rschneid@ix.netcom.com, zeekzilch@juno.com,
jmedley@ix.netcom.com, n1fn@mtechnologies.com
Subject: [25064] CQC Summer QSO Party NEXT SUNDAY
Message-ID: <199708181623.KAA26555@bobcat.sni.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

The Colorado QRP Club's Summer QSO Party is NEXT SUNDAY.
Details follow, or you can check them out on the web site:
<http://www.mtechnologies.com/mthome/cqcevent.htm>

If all goes according to plan, I'll be operating mobile or portable
in 2 land, which should make for at least one easy QSO for some of
you on the right side of the country.

It's going to be fun, and if the last couple such events
are any indication you should be able to work more than
half of the states in the four hour contest period. Be
There!

Remember, there is a 1000 point bonus for working the CQC Club
Station, W0CQC (this time operated by the Winter QSO Party winner,
Paul (KF7MD)).

As usual, QSO's with CQC members are worth more, so you
might wish to consider joining. There's still time, and there's
an application form on the web site:
<http://www.mtechnologies.com/mthome/cqc.htm> or if you
don't have www capabilities you can send an SASE to
CQC, PO Box 371883, Denver CO 80237-1883 or contact our

secretary, Dick Schneider (AB0CD), at rschneid@ix.netcom.com..

Also please note CQC subs are GOING UP from \$10/year to \$12/year on September 1st (from \$12 to \$15 for DX members) due to the cost of producing the Low Down (worth the price on by itself). Multi-year subscriptions are ok, at the rate current when you join or renew.

73

Marshall Emm, N1FN/VK5FN

n1fn@mtechnologies.com

<http://www.mtechnologies.com/mthome>

CQC SUMMER QSO PARTY

Date/Time: Sunday, August 24, 1997 1800 to 2359 UTC

Exchange: RS(T), State/Province/Country, First Name, and Member # if CQC member, power output if not ie: 579 C0
Jim NR 04

Suggested frequencies CW 1825, 3560, 3710, 7040, 7110, 14060, 21060, 21110, 28060, 28110 SSB 1910, 3985, 7285, 14285, 21385, 28385 No contacts on 30, 18 and 12 meters allowed.

Classes: Single Band, Multi-band, Novice/Tech (all single operator only)

QSO Points:

CW- CQC member 6 pts, non-member 4 pts

SSB- CQC member 3 pts, non-member 2 pts

The same station may be worked on different bands for additional QSO points and multipliers. Contact on the same band using a different mode counts for QSO points, but not as an additional multiplier.

Multipliers:

States/Provinces/Countries worked.

Names: Unique First Initials. Total of first names from Name sheet. One first name per letter of the alphabet. Name must be same as Callbook, QSL card, or name commonly known by.

Score:

Total Score = QSO Points x Multipliers x Names

*Bonus points for working Club Station W0CQC - Add 1000 points to your FINAL score for working W0CQC

Power: Stations must use 5 watts or less output, CW or SSB. There are no power multipliers.

Awards: To Be Determined, Highest Score in each class.

Submit log showing:

Band Mode TimeUTC Station RST Rc'd SPC Name Memb#/Pwr
Mult. Points

For sample Log, and Name sheets, send SASE and one unit first class postage to:

Jim-KG0PP-CQC Contest
P.O.Box 31575
Aurora, CO 80041-0575

Date: Mon, 18 Aug 1997 09:17:52 -0700
From: Bill Todd <bill@techline.com>
To: qrp-1@Lehigh.EDU
Subject: [25065] Attn: K4ADI
Message-ID: <1.5.4.32.19970818161752.006dfd28@mail.techline.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello Frank -

I sent out the E-mail newsletter, and your address bounced back.

Please send me your new E-mail address so I can get the August "NWQ" Newsletter.
OK?

Thanks - Bill-N7MFB

Date: Mon, 18 Aug 1997 09:20:09 -0700
From: Bill Todd <bill@techline.com>
To: qrp-1@Lehigh.EDU
Subject: [25066] Attn: W7KXB
Message-ID: <1.5.4.32.19970818162009.006df5cc@mail.techline.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello Bill,

I sent out the E-mail newsletter, and your address bounced back.

Please send me your new E-mail address so I can get the August "NWQ" Newsletter.
OK?

Thanks - Bill-N7MFB

Date: Mon, 18 Aug 1997 09:19:17 -0700
From: Bill Todd <bill@techline.com>
To: qrp-1@Lehigh.EDU
Subject: [25067] Attn: K7VZ
Message-ID: <1.5.4.32.19970818161917.006df598@mail.techline.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello Harvey,

I sent out the E-mail newsletter, and your address bounced back.

Please send me your new E-mail address so I can get the August "NWQ" Newsletter.
OK?

Thanks - Bill-N7MFB

Date: Mon, 18 Aug 1997 10:06:21 -0700 (PDT)
From: Bob Okas <vintage@best.com>
To: Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [25068] Re: K5F0 visit and Pizza feed
Message-ID: <Pine.SGI.3.95.970818095112.27472B-1000000@shellx.best.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hello Bob and the Group,

Since Two Guys closed, the get-togethers have been held at Round Table Pizza, in the corner of the strip mall. The address is 157 El Camino, at the corner of Grant. See you there!
Bob - W3CD

On Sat, 16 Aug 1997, Bob Tellefsen-CNSE97 wrote:

> Chuck, K5F0, will be in the San Francisco Bay area this coming week. We will
> meet for pizza at the usual place in Mountain View. Unfortunately, I've
> forgotten the name, although I know where it is.
>
> Chuck offered the choice of Tuesday or Wed evening. Due to the short time
> frame, I've made an executive decision and will say Wednesday evening. This
> will allow us digesters time to get the word.
>
> If you are interested in attempting to grab your fair share of a pizza with the
> rest of this mob, please RSVP.
>
> In the meantime, can anyone tell me the name of the joint?
>
> 73, Bob N6WG
>
>

Date: Mon, 18 Aug 1997 10:37:31 -0700
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: <vintage@best.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [25069] Re: K5FO visit and Pizza feed
Message-ID: <199708181736.MAA28927@multi13.netcomi.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Time?

> Round
> Table Pizza, in the corner of the strip mall. The address is 157 E1
> Camino, at the corner of Grant. See you there!

Date: Mon, 18 Aug 97 10:52:00 PDT
From: "Jack Wilson (632)" <JackW@travsoft.com>
To: "'qrp-1@lehigh.edu'" <qrp-1@Lehigh.EDU>
Subject: [25070] CAP Meter
Message-ID: <33F88C05@msmail.travsoft.com>

Those kits sound like they came from the Nov. 96 issue of Popular Electronics. I built both (from the magazine, not the kit) and they work well. There was one error in the foil pattern for the cap meter, C7 was connected to ground, when it shouldn't have been (cut the trace between C7 and jumper J).

My recommendation, get the kit. By the time I bought all the parts, it cost more than the kit, but I ended up with more extra parts for the junk box (at least that's how I justify it :-). Plus it took a while to transfer the foil pattern, etch the board, etc. But I had fun.

Good Luck,

Jack Wilson (jackw@travsoft.com)
KC7VLO
Bothell, WA

"built the 38s, but now I have to get my general to use it!"

Date: Mon, 18 Aug 1997 20:30:31 +0200
From: "Wolfgang Peringer" <W.Peringer@bingo.baynet.de>
To: <QRP-L@Lehigh.EDU>
Subject: [25071] Mods for TT Argonaut II
Message-ID: <199708181832.UAA21169@zeus.bingo.baynet.de>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi to all:

I have got a TenTec Argonaut II and would like to know if there are any modifications available. Does anybody know a TenTec listserver?

Hope to hear from you

72

Wolfgang DK7CY

W.Peringer@bingo.baynet.de

DK7CY

G-QRP#8354; QRP-L#1200

Date: Mon, 18 Aug 1997 12:39:45 -0600
From: "Phil, K6LS" <k6ls@qsl.net>
To: adam-kanis@uiowa.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [25072] URL tip...
Message-ID: <33F888E1.79CB@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Here is a little tip if you are including a URL in your message to the list.

Put a "http://" in front of the web address, that way those that have the capabilities can click on the URL and go right to the site! without the "http..." you can click all day on a web site and not get there or you have to copy and paste to do so.

here is an example of one w/o:

> www.seits.org

and here is the one with:

<http://www.seits.org>

you may also see a difference in the color of text, indicating that it is a 'valid' url.

just FYI, 72

--

73 de Phil, K6LS/0

QRP-L #612

k6ls@qsl.net <or> k6ls@amsat.org

DM79or, Arapahoe County, Colorado

ITU zone 7, CQ zone 4

<http://www.qsl.net/k6ls>

Date: Mon, 18 Aug 1997 12:11:00 -0500

From: Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>

To: qrp-l@Lehigh.EDU (Receipt Notification Requested)

Subject: [25073] K5FO Pizza Feed

Message-ID: <M2018326.001.4j3m0.1.970818192121Z.CC-MAIL*/OU=LMPCC4/OU=ILBB/

PRMD=MOT/ADMD=MOT/C=US/@MHS>

I finally found out which Pizza joint we are meeting at.

It is Round Table Pizza. According to Bob, W3CD, "it is in the corner of the strip mall. The address is 157 El Camino, at the corner of Grant. See you there!"

I suggest 6:30 PM, Wed, Aug 20, to allow us commuters to trickle in. Any early arrivals please grab us a table or two.

73, Bob N6WG

Date: Mon, 18 Aug 1997 13:23:52 -0600

From: John Evans - N0HJ <jaevans@codenet.net>

To: qrp-l@Lehigh.EDU

Subject: [25074] Re: URL tip...

Message-ID: <33F8A147.9FB57D04@codenet.net>

Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Gang,

The QRP Quarterly collection sold within a nanosecond of posting, the FT-243 holders sold shortly after, meters are still available. I have responded individually to the buyers, so if you haven't heard from me, regrettably, you were too late. Thanks to all who responded.

Paul

Date: Mon, 18 Aug 1997 15:52:20 -0400
From: "Watson R Gabriel Jr" <wgabriel@duke-energy.com>
To: qrp-l@Lehigh.EDU
Subject: [25077] Earlier Silver Plating Question
Message-ID: <852564F7.006B27AC.00@dpcmail.dukepower.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII

Just a few comments on silver plating:

It is relatively expensive to get into silver plating. The chemicals to make up a batch plating solution are quite expensive. I cannot remember all of them without some research but do remember that silver cyanide is involved and of course the cyanide should be self-explanatory from a hazard standpoint. The chemicals are somewhat dangerous to mess with, but with proper precautions should not cause any problems. There was an article in an old issue of Ham Radio about getting started in your own silver plating. There may be some suppliers out there that will sell small batches of the plating solution as well which may be a better alternative. Then all you need is a power supply, current limit resistor, and the base silver metal. These last items are the lower-cost items, regrettably.

Another alternative is to buy or beg some Cool-Amp silver plating powder from someone. You can review this stuff in the Thomas Register at:

<http://www.thomasregister.com/olc/cool-amp/>

This stuff is neat! I've used it before. Is a silver plating powder that as you rub it on your cleaned brass, copper, etc, it deposits a layer of silver. Is originally designed for improving conductivity of electrical connections. But does work good for wires, PWB's, and other little rf-type stuff. Not really dangerous to use either. Only problem is that a one-pound jar is the smallest quantity I know of that you can order and this costs something on the order of \$120! Guess you could buddy-up and split up a jar

with someone. Depending on your needs and care in using it, a quarter-pound might last you a lifetime. Maybe you could call them to see if they would sell less than one-pound jars.

And then there is the old trick I have heard about, but never done. Find someone really into photography and get used developer from them. Is supposed to contain silver from the photo developing process. There are ways to use this solution to do silver plating. You'll have to find someone other than me to provide details though.

Hope this helps. Watson/WB4EXW

Date: Mon, 18 Aug 1997 15:54:09 EDT
From: kc4mhm@juno.com (ed miller)
To: qrp-1@Lehigh.EDU
Subject: [25078] Re: BUBBA
Message-ID: <19970807.084901.4951.0.KC4MHM@juno.com>

QRP Gang:

To bad I won't make the BUBBA SPRINT. It is the Labor Day weekend and our annual 3 day vacation to the Shelby Hamfest. It's to bad because not only of the obvious reasons but because our humidity usually equals our temp which is normally in the high 90's, s/b a fine multiplier. Good luck to all who try.

Does anyone know if there are any QRP specific events going on at the Shelby Hamfest? If so I would like to know, if not it will still be a fine 'fest.

73 de Ed

KC4MHM@juno.com

Date: Mon, 18 Aug 1997 15:24:57
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-1@Lehigh.EDU
Subject: [25079] Nastalga
Message-ID: <3.0.1.16.19970818152457.270f39f4@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Howdy Gang,

The other day I stumbled onto my original novice log from high school back in 1968. I see many unanswered CQ's. I also see my first QRP contact with a buddy across town. I was using a 120 mw (input power) two transistor transmitter. Bet it also wipped out all the TV's for blocks around :-)

I also see a bunch of entries for 5.5 watts. This must have been the 6V6 transmitter. Actually made a few QSO's with it. (I think by then I had a Hammerland HQ100 rcvr, so had a chance of hearing people. A slim one, but still a chance)

Once I got the general, spent most of my time on 2 meter AM running 5 to 10 watts input power. Homebrew, of course. Actually built a 2 Meter converter using those brand new MPF102 Jfets. Worked good too.

Ahhh, the good old days...

73/72

Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Mon, 18 Aug 1997 13:58:10
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-1@Lehigh.EDU
Subject: [25080] Re: Study Guides for Younger Hams??
Message-ID: <3.0.1.16.19970818135810.1bafde48@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>But I was just curious if anybody seen any study guides designed for
>children?

>

I don't know if there are any for kids younger than junior high level. Chances are good your on your own here. But, sounds like a good idea for someone to write one up. (A club project maybe?)

I was thinking it would be neat to have a study guide and simple radio kit geared towards school kids, but then the liability issue of kids and hot soldering irons hit me and decided maybe that wasn't such a good idea.

If that wasn't an issue, it would be nice if some club were to put together a study guide and maybe a simple 6 meter FM rig kit that could be done as a class room project. Not only would they learn about Ham radio, they would build their own little rig good enough to talk to their classmates across

town with. If enough schools did this, there would then be a national school kid calling frequency on 6. (and build in a code practice oscillator and tone CW for upgrade practice)

Now all we need is a grant from a corporate sponser or two.....(think we could get the ARRL interested?)

73,

Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Mon, 18 Aug 1997 13:32:35 -0700 (PDT)
From: Kory Hamzeh <kory@avatar.com>
To: qrp-1@Lehigh.EDU
Subject: [25081] Silicon Caulk
Message-ID: <Pine.BSI.3.91.970818133124.4341A-100000@avatar.avatar.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Is it OK to use Clear Silicon Caulk to hold torroids in place? I can't seem to find a local supplier of Q-Dope (I think that's what it's called).

Thanks,
Kory

Date: Mon, 18 Aug 1997 16:44:55 -0400 (EDT)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-1@Lehigh.EDU>
Subject: [25082] Re: Study Guides for Younger Hams??
Message-ID: <Pine.LNX.3.93.970818163228.671R-100000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 18 Aug 1997, Steven Weber wrote:

> geared towards school kids, but then the liability issue of kids and hot
> soldering irons hit me and decided maybe that wasn't such a good idea.

Remember the Radio Shack "101 Electronics Projects" boxes/boards? They

used springs that the parts and wire were connected to, (push it over and pinch the part/wire in it) all mounted on stiff cardboard. Seems like it would be easy enough to put a Pixie on there if someone can find those springs and a way to mount them. I'll look and see if they still sell them (inexpensively?) at RS and if a Pixie can be adapted to it. Maybe there is a "25 Projects" version with enough tie point for a Pixie. And if you put it on 49Mhz they could practice code without a ticket. Seems there might be a crop of new QCWA memebers under 35 in a few years :)

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --
-- N3XRV QRP WAS 17/9 (w/c) | ccart@erols.com --
-- QRP-L #655 NORCAL #1891 QRP-ARCI #???? | http://dns.vidtel.com/~ccart --
-- WIMPS Q's=04 30M=04 17M=00 12M=00 STATES=03/00/00 DX=00/00/00 QSL's=00 --

Date: Mon, 18 Aug 97 13:51:47 -0700
From: Russ Carpenter <russ@natworld.com>
To: "QRP-L List" <qrp-l@Lehigh.EDU>
Subject: [25083] Expect Results for the Bumblebees this Wednesday
Message-ID: <199708182051.NAA24077@guppy.pond.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

This note will alert you that on Wednesday we'll be publishing the results and soapbox for the Flight of the Bumblebees. We received 82 logs, and want to express our appreciation for your support and participation.

The Soapbox is especially interesting, with all kinds of adventures and learning experiences.

Russ Carpenter, AA7QU
Contest Manager for the Adventure Radio Society

Date: Mon, 18 Aug 1997 13:58:21 -0700 (PDT)
From: Jim W7LS <w7ls@brigadoon.com>
To: kory@avatar.com
Cc: qrp-l@Lehigh.EDU
Subject: [25084] Re: Silicon Caulk
Message-ID: <199708182058.NAA19833@siskiyou.brigadoon.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi. If it smells like vinegar, and silicon caulk should, I wouldn't use it. That means it is acidic. The car manufacturers quit using that stuff because it attacks metal. They use a urethane. Get the urethane caulk at any hardware store. 73 de Jim, W7LS

At 01:32 PM 8/18/97 -0700, you wrote:

>
>Is it OK to use Clear Silicon Caulk to hold torroids in place? I can't
>seem to find a local supplier of Q-Dope (I think that's what it's called).
>
>Thanks,
>Kory
>
>
>
>

Date: Mon, 18 Aug 1997 21:03:05 +0100
From: "Robert L. Willsey" <w4nul@brightok.net>
To: qrp-1@Lehigh.EDU
Subject: [25085] Keyers
Message-ID: <33F8AA79.6DD6@brightok.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Could any of you suggest a good electronic keyer for my new Kent iambic key? I would like to get one with memory capability so I don't use my FT-920 for practice. I'm trying to get back on cw after many years away from it. BTW, I really like the Kent iambic that I got.

Thanks de Bob w4nul@brightok.net

Date: Mon, 18 Aug 1997 13:58:58 -0700 (PDT)
From: Jim W7LS <w7ls@brigadoon.com>
To: WRMoore@ingr.com
Cc: qrp-1@Lehigh.EDU
Subject: [25086] Re: KI7VY Paddlette?
Message-ID: <199708182058.NAA19916@siskiyou.brigadoon.com>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi, Randy. I saw it at the Seaside, OR hamfest this year. Looks cute. Light. Won't survive a fall off of your knee on the trail, though. Had a good feel to it. Too much bucks for it, in my estimation. I think they wanted \$35 for it. It's really simple to construct, if you have any tools.

73 de Jim, W7LS

At 02:25 PM 8/18/97 -0500, you wrote:

>Does anyone have any experience with a portable paddle called the
>Paddlette from Bob Hammond, KI7VY? This product is mentioned in the
>Sept. issue of CQ in an article by Dave Ingram, which also has lots of
>other interesting QRP stuff.

>

>Tnx es 72/73,

>Randy, KS4L

>

>

>

Date: Mon, 18 Aug 1997 14:23:41 -0700 (PDT)
From: "David D. Meacham" <ddm@datatamers.com>
To: Jim W7LS <w7ls@brigadoon.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [25087] Re: Silicon Caulk
Message-ID: <Pine.LNX.3.91.970818142133.20975C-1000000@dt1.datatamers.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Jim & Kory,
The correct spelling is "silicone".
72, Dave, W6EMD

Date: 18 Aug 1997 21:50:14 GMT
From: "Ed Hare, W1RFI" <ehare@arrl.org>
To: qrp-l@Lehigh.EDU

Subject: [25088] Re: Study Guides for Younger Hams??
Message-ID: <5tag2m\$6uj@mgate.arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Steven Weber <kd1jv@moose.ncia.net> wrote:

>I was thinking it would be neat to have a study guide and simple radio
>kit geared towards school kids, but then the liability issue of kids and
>hot soldering irons hit me and decided maybe that wasn't such a good
>idea.

One would not need a hot soldering iron. I bet a simple CPO or AM SW receiver kit could be put together using perf board and spring clips for the components. Why, to date me, one could even use Fahenstock clips for that real electronics look. :-)

72 from ARRL HQ,
Ed Hare, W1RFI (formerly KA1CV)
ARRL Lab

Date: Mon, 18 Aug 1997 17:50:47 -0400
From: krishna kumar <kkumar@mail.imake.com>
To: qrp-1@Lehigh.EDU
Subject: [25089] NA QSO party - log info ?
Message-ID: <33F8C3B6.5FD89C26@imake.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi gang,

SORRY GUYS, THIS IS NOT RELATED TO QRP.

I had the rig, the power in the battery, antenna and the time. I thought that i can do a favour to the testers by giving them some reports for the North American QSO party.

I saw the rules for the 1996 NA RTTY QSO party. It stated that the tester will lose the point for the QSO and an additional penalty point, if the other station never had him in his log. So i wanted to send my log, just to help the guys. Can some one give me the information or the URL of the web site, where i can find the 1997 Contest rules (i accept that i never searched the web properly).

thanks
72/73 de w4/vu2vku

Date: Mon, 18 Aug 1997 17:55:29 -0400 (EDT)
From: NilsBull@aol.com
To: QRP-L@Lehigh.EDU
Subject: [25090] Using Charge Controllers Question
Message-ID: <970818175155_1217824684@emout01.mail.aol.com>

Gang,

Ok, I have this little charge controller what I bought from Mike Bryce. It's pretty neat. It takes the solar panel energy, turns itself on and charges the battery. When the battery is charged, it turns itself off.

So here's the question: since controlling the electricity that's charging the battery is what this charge controller does, can I also expect that it would do that with, say, 13.6 VDC from a power supply plugged into the 110 AC?

Way I see it, it's just taking DC from a source (or sauce) healthy enough to charge the battery, measuring whether or not the battery needs charged and then, if the battery do need charged, letting some of the DC flow into the battery to change the battery's chemistry enough to charge the battery, right?

So can I use it to control charging a battery by using a 13.6VDC wall wart or a regulated power supply or something like that? Huh? Can I? Huh? Can I, huh? Use it like that? Can I? Huh? Huh? Can I? Huh? Can I, huh? Use it like that? Can I? Huh? Huh?

73
Nils
WB8IJN &c
. . . Huh? Can I? Huh? Can I, huh? Use it like that? Can I? Huh?

Date: Mon, 18 Aug 97 21:57:56
From: "KA5T Larry Wise" <lewise@inetport.com>
To: "qrp" <qrp-l@Lehigh.EDU>
Subject: [25091] Rainbow Tuner - Battery Holder
Message-ID: <199708182154.QAA07714@admin.inetport.com>
MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Well I went into RatShack to get a battery holder today for the little 12 battery I had previously purchased for the tuner.

Started out by asking for a holder for that specific battery.... Same answer as Doug got... Don't have one...Asked about a single battery holder for a AA sized battery....

While determining whether the 12 battery was the size of an AA or AAA battery I got another suggestion from the RS man...

'How about an N battery holder?' The N is a little fatter than the 12 v but the same length...WAALLLAAA....

Tested it out and seems to work OK...No spacer to rig...RS Cat. No. 270-405A

FWIW

Larry KA5T lewise@inetport.com Georgetown, Texas

Date: Mon, 18 Aug 1997 17:32:36 -0400
From: Ed Pacyna <pacyna@auratek.com>
To: qrp-1@Lehigh.EDU
Subject: [25092] Re: Study Guides for Younger Hams??
Message-ID: <3.0.16.19970818173235.3247d652@dingle.auratek.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Date: Mon, 18 Aug 1997 17:29:34 -0400
>To: ccart@dns.vidtel.com
>From: Ed Pacyna <pacyna@auratek.com>
>Subject: Re: Study Guides for Younger Hams??
>
>At 04:44 PM 8/18/97 -0400, you wrote:
>>On Mon, 18 Aug 1997, Steven Weber wrote:
>>
>>> geared towards school kids, but then the liability issue of kids and hot
>>> soldering irons hit me and decided maybe that wasn't such a good idea.
>>

>>Remember the Radio Shack "101 Electronics Projects" boxes/boards? They
>>used springs that the parts and wire were connected to, (push it over
>>and pinch the part/wire in it) all mounted on stiff cardboard. Seems like
>>it would be easy enough to put a Pixie on there if someone can find those
>>springs and a way to mount them.

>

When I was a 10 year old, I got an Electronics Projects kit that would build something like 50 different projects. It was basically individual components (e.g. Resistors, capacitors, coils etc.) mounted to a plastic piece which had metal post. The plastic assemblies could then arranged on a peg board and connected by wires that slid over the posts. This was back in the 50's and one of the components was a 1U4 tube. Projects included a super regenerative receiver that worked quite well and eventually led to getting into amateur radio, an engineering degree etc..

Using the small sub-assemblies was just like building (i.e. physically arranging the parts into stages) and even as a beginner, learned a lot about layout, grounding, feedback etc.. The biggest problem was that the tube required a low and a high voltage battery.

Ed, W1AAZ

Date: Mon, 18 Aug 1997 17:52:13
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-1@Lehigh.EDU
Subject: [25093] Re: Study Guides for Younger Hams??
Message-ID: <3.0.1.16.19970818175213.249f3360@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>> geared towards school kids, but then the liability issue of kids and hot
>> soldering irons hit me and decided maybe that wasn't such a good idea.

>

>Remember the Radio Shack "101 Electronics Projects" boxes/boards? They
>used springs that the parts and wire were connected to, (push it over
>and pinch the part/wire in it) all mounted on stiff cardboard. Seems like

I wonder how well spring clips would work at 49 Mhz? Conductive white paste? Mmmm, now that would taste goood :-) My first radio was an Eico kit or something. AM radio, parts were connected with 1/4" dia brass bushings/rivit like thingies that pushed into holes in a plastic base.

How about going to the other end of the spectrum? Say a Pixie like transciever for 1750 Meters? Being able to send code between class rooms

with something they built might be enough to get them interested.

We'll save the 6 meter rig for the High School kids...

Now, about that grant....

Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Mon, 18 Aug 1997 18:07:59 -0400
From: "Bob Kellogg" <ae4ic@nr.infi.net>
To: <wgabriel@duke-energy.com>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [25094] Re: Earlier Silver Plating Question
Message-ID: <199708182259.SAA25638@mh004.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hey, I have a source for used developer!!

Anyone know the process of using it to plate? I, too, would like to plate
some copper strips to use in building a tuner.

> And then there is the old trick I have heard about, but never done. Find
> someone really into photography and get used developer from them. Is
> supposed to contain silver from the photo developing process. There are
> ways to use this solution to do silver plating. You'll have to find
> someone other than me to provide details though.

Bob Kellogg, AE4IC, Greensboro, NC
Probably, but not nececelery. -- Benny Hill

End of QRP-L Digest 822

